

# GaN Semiconductor Power Devices Market, Global Outlook and Forecast 2022-2028

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## Abstracts

Gallium nitride (GaN) is a very hard, mechanically stable wide bandgap semiconductor. With higher breakdown strength, faster switching speed, higher thermal conductivity and lower on-resistance, power devices based on GaN significantly outperform silicon-based devices.

This report contains market size and forecasts of GaN Semiconductor Power Devices in global, including the following market information:

Global GaN Semiconductor Power Devices Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global GaN Semiconductor Power Devices Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five GaN Semiconductor Power Devices companies in 2021 (%)

The global GaN Semiconductor Power Devices market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

600V Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of GaN Semiconductor Power Devices include Fujitsu,

Toshiba, Koninklijke Philips, Texas Instruments, EPIGAN, NTT Advanced Technology, RF Micro Devices, Cree Incorporated and Aixtron, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the GaN Semiconductor Power Devices manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global GaN Semiconductor Power Devices Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global GaN Semiconductor Power Devices Market Segment Percentages, by Type, 2021 (%)

600V

Others

Global GaN Semiconductor Power Devices Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global GaN Semiconductor Power Devices Market Segment Percentages, by Application, 2021 (%)

Server and Other IT Equipments

High-Efficiency and Stable Power Supplies

Rapidly Expanding HEV/EV Devices

Global GaN Semiconductor Power Devices Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

## Global GaN Semiconductor Power Devices Market Segment Percentages, By Region and Country, 2021 (%)

### North America

US

Canada

Mexico

### Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

### Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies GaN Semiconductor Power Devices revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies GaN Semiconductor Power Devices revenues share in global market, 2021 (%)

Key companies GaN Semiconductor Power Devices sales in global market, 2017-2022 (Estimated), (K Units)

Key companies GaN Semiconductor Power Devices sales share in global market, 2021

(%)

Further, the report presents profiles of competitors in the market, key players include:

Fujitsu

Toshiba

Koninklijke Philips

Texas Instruments

EPIGAN

NTT Advanced Technology

RF Micro Devices

Cree Incorporated

Aixtron

International Quantum Epitaxy (IQE)

Mitsubishi Chemical

AZZURO Semiconductors

Efficient Power Conversion (EPC)

GaN Systems

Infineon

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